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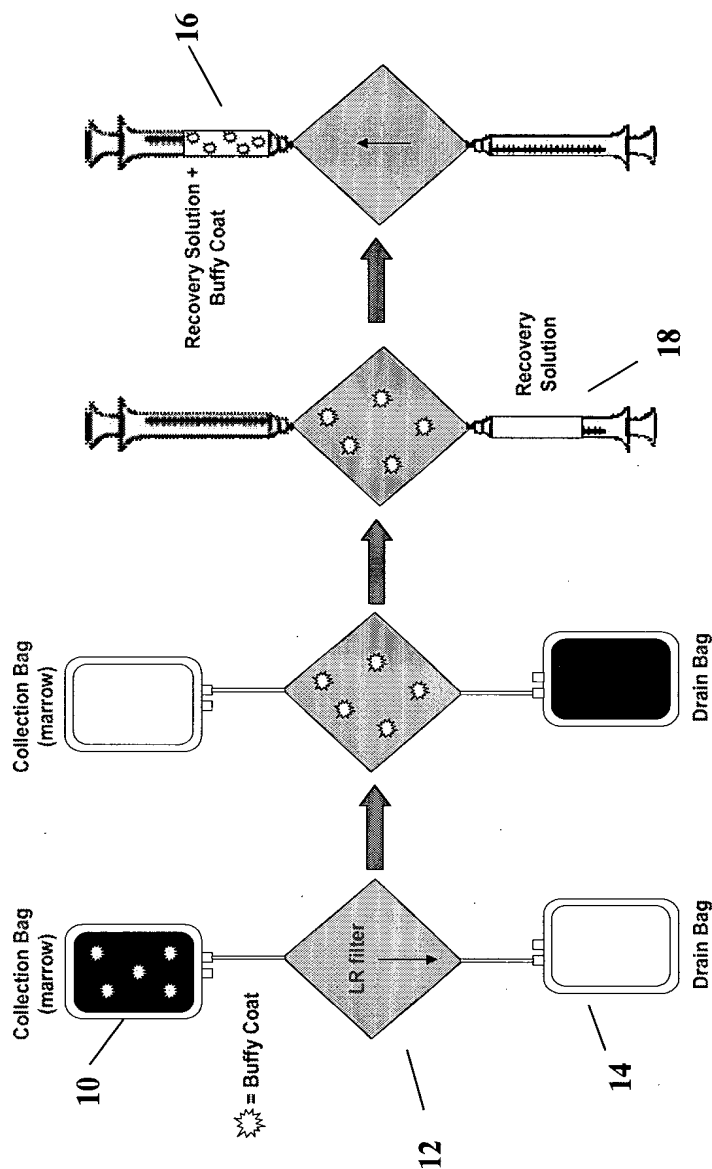


FIG. 1

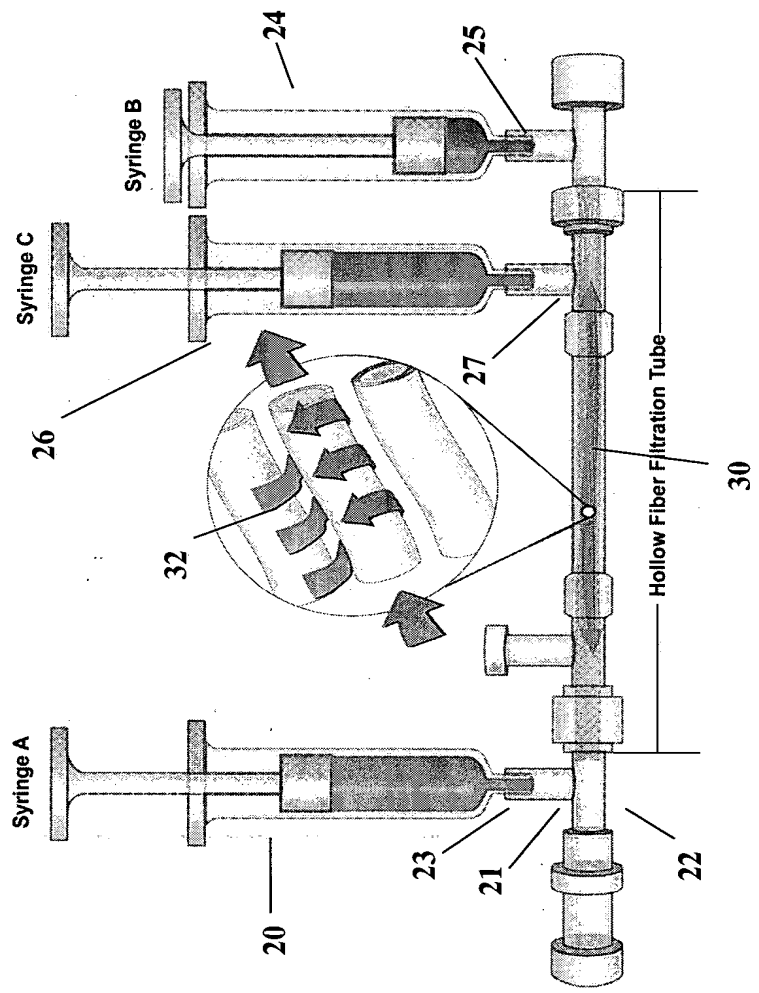


FIG. 2

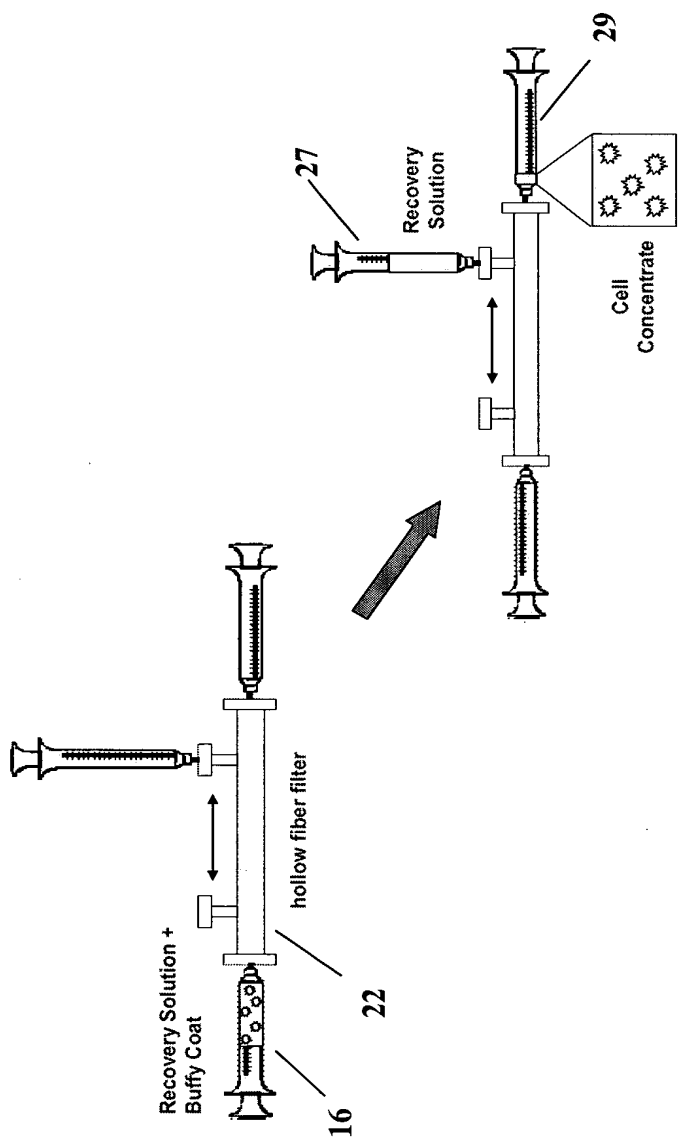


FIG. 3

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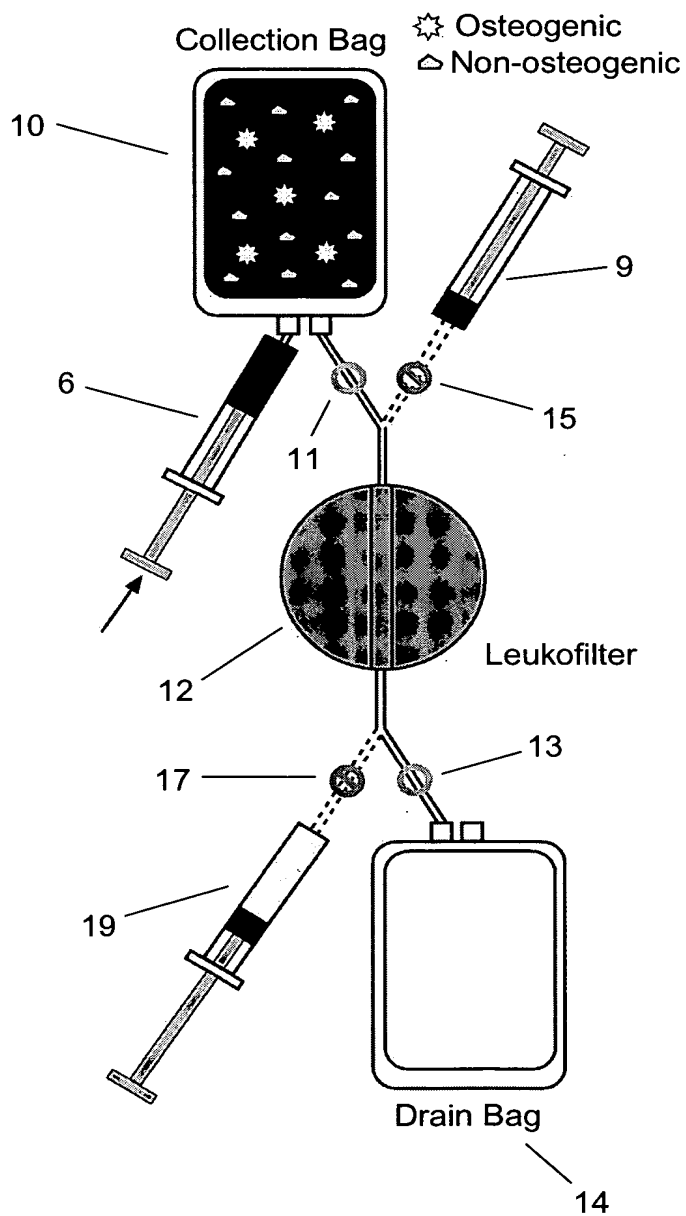
**A****Fill**Inject physiological solution diluted with  
anticoagulant into collection bag.

FIG. 4

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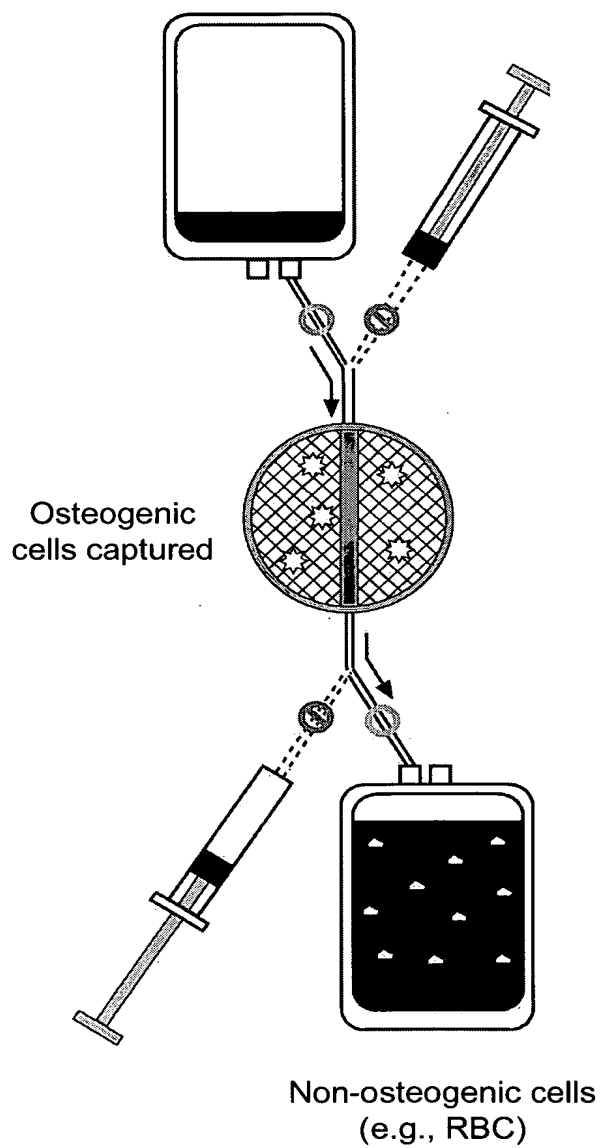
**B****Filter**Gravity feed physiological solution  
through filter.

FIG. 4

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**C**

**Back-flush**

Close valves to collection and drain  
bags. Open valves to syringes.

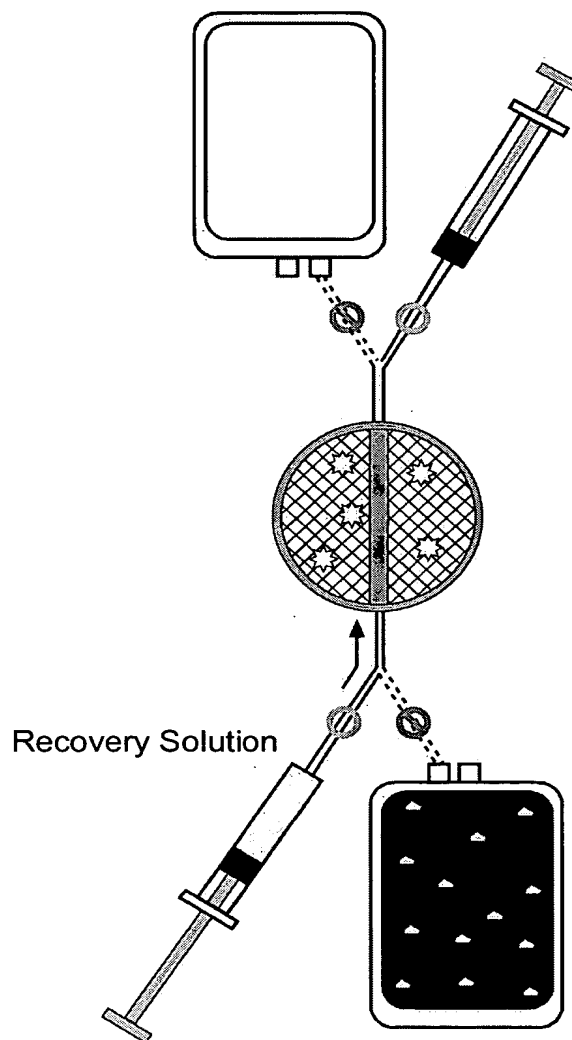


FIG. 4

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**D**

**Recover**

Backflush osteogenic cells from filter.

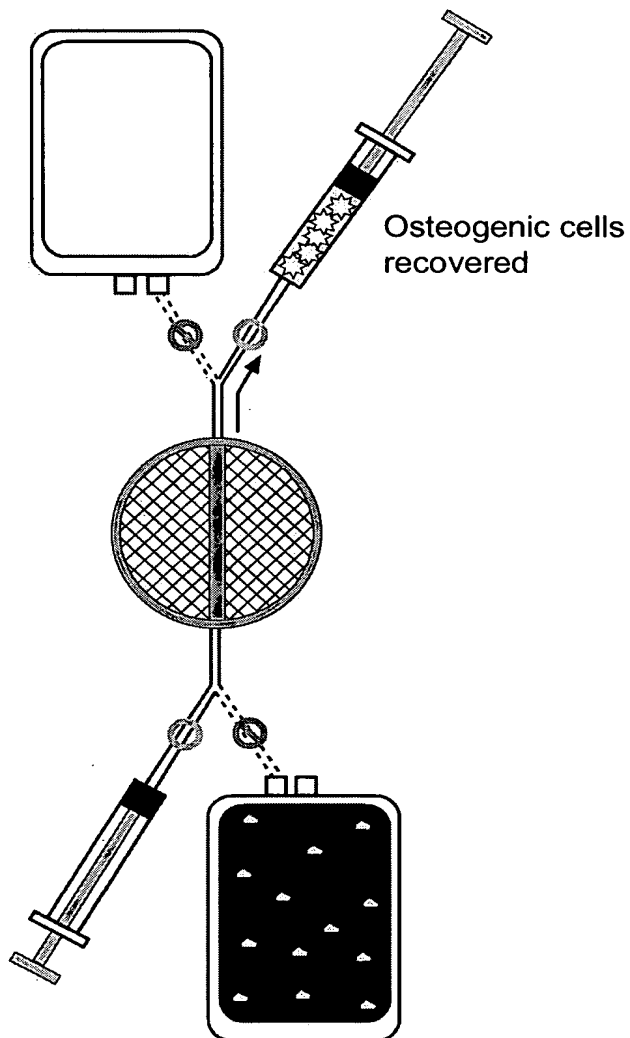


FIG. 4

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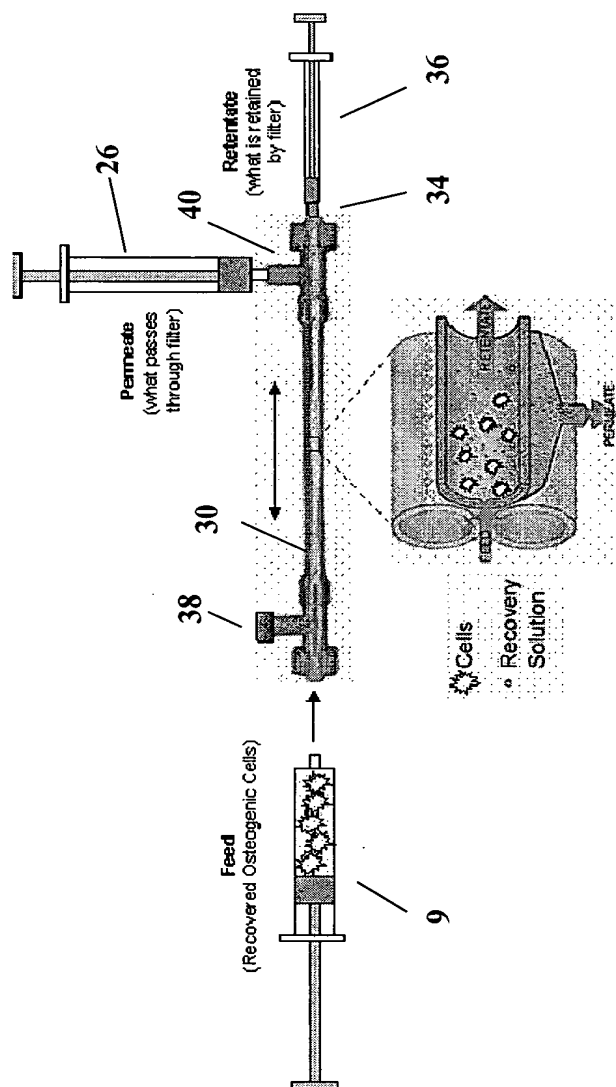


FIG. 5



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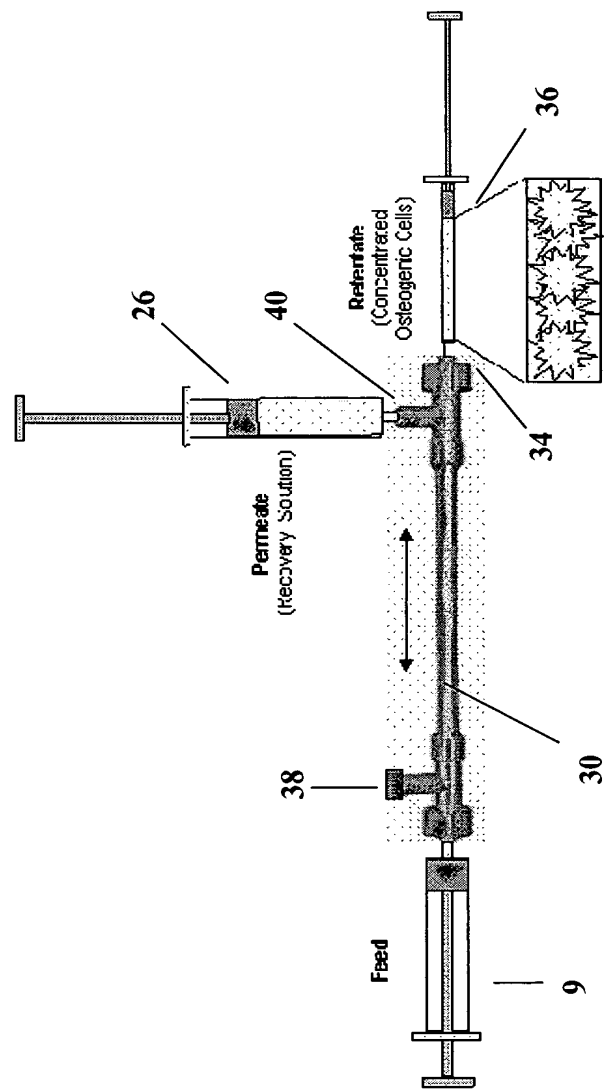


FIG. 6

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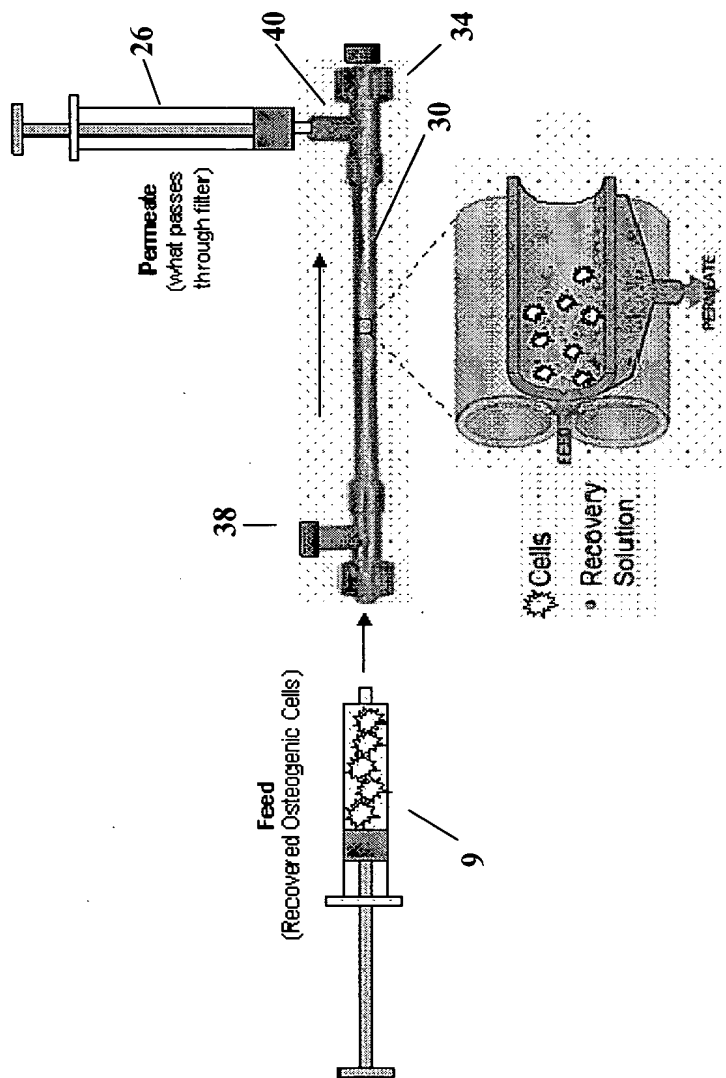


FIG. 7

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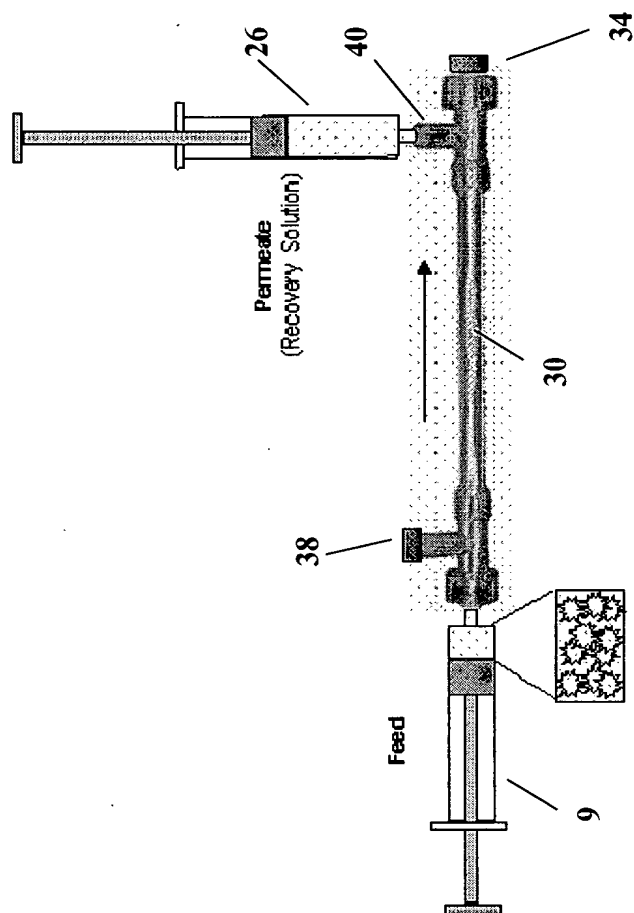


FIG. 8

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A

Attach

Attach syringe filled with physiological solution to a fat reduction filter.

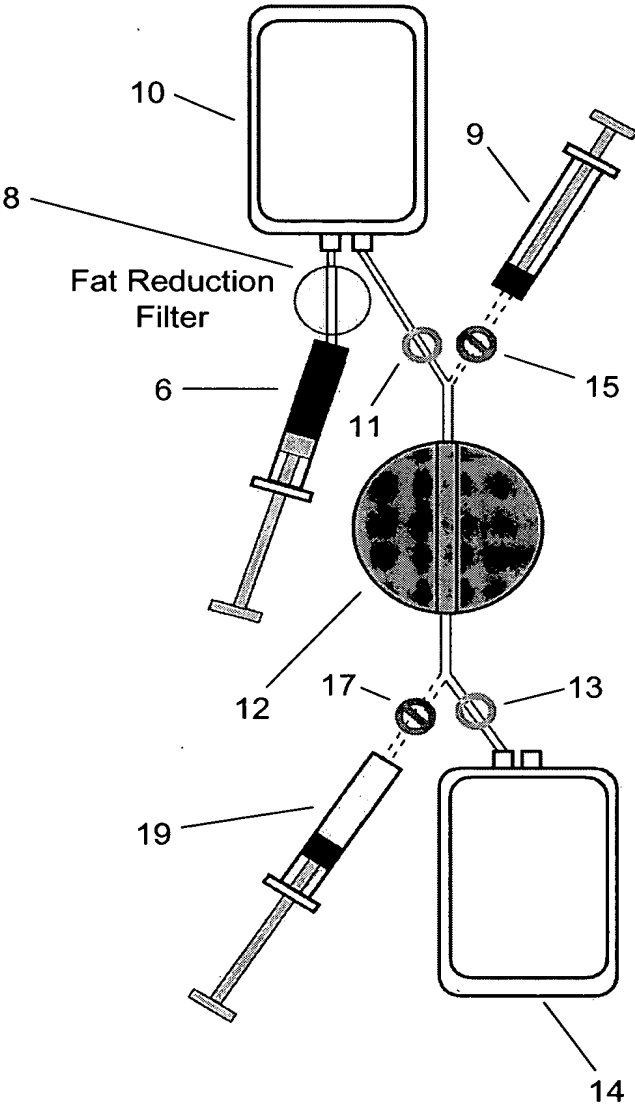


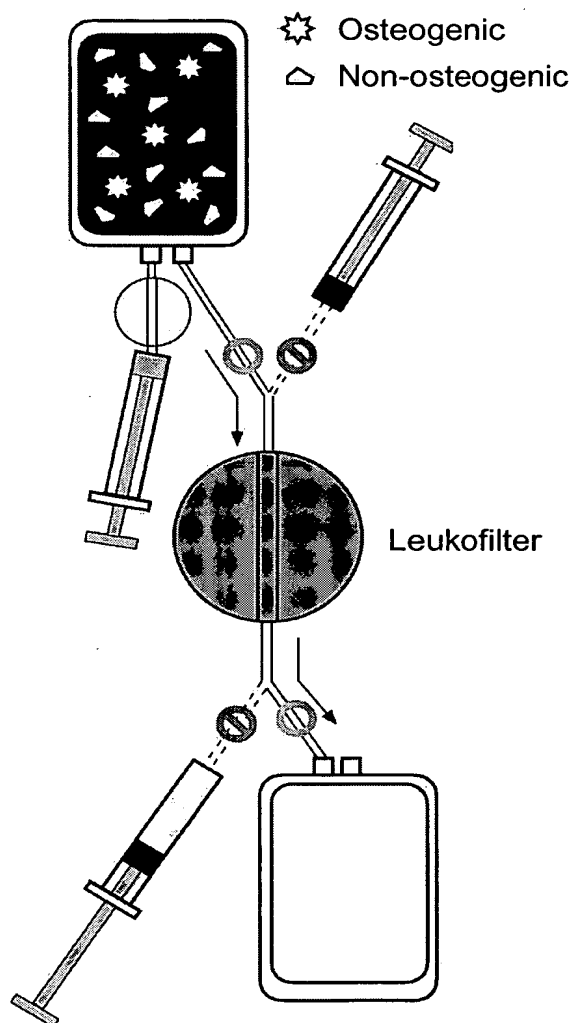
FIG. 9

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**B**

**Fill**

Inject physiological solution through fat  
reduction filter into collection bag.



**FIG. 9**

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**C****Filter**

Gravity feed marrow through  
leukoreduction filters into drain bag.

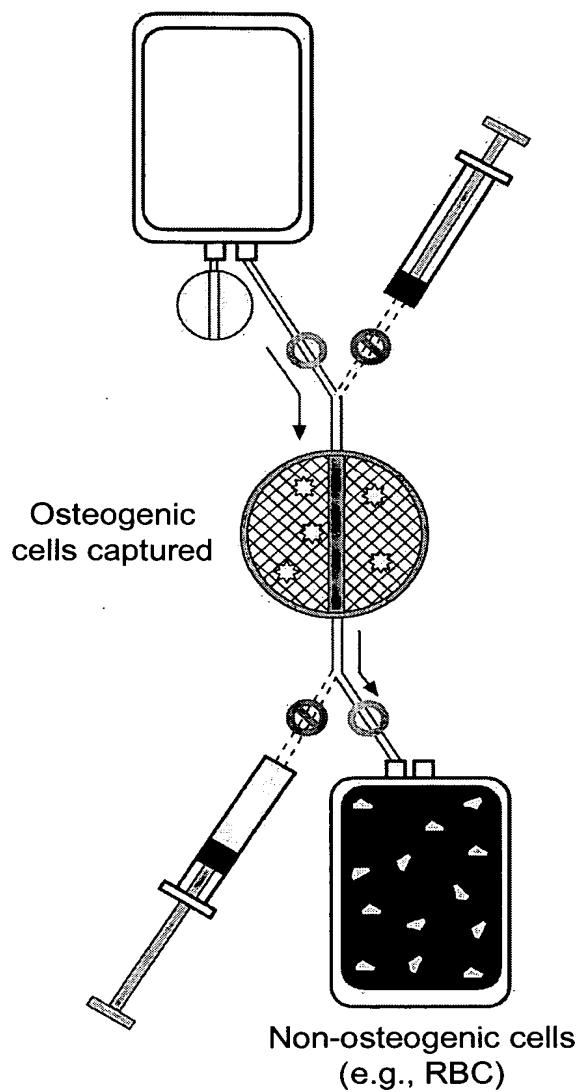


FIG. 9

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**D****Back-flush**

Close valves to collection and drain bag.  
Open valves to syringes.

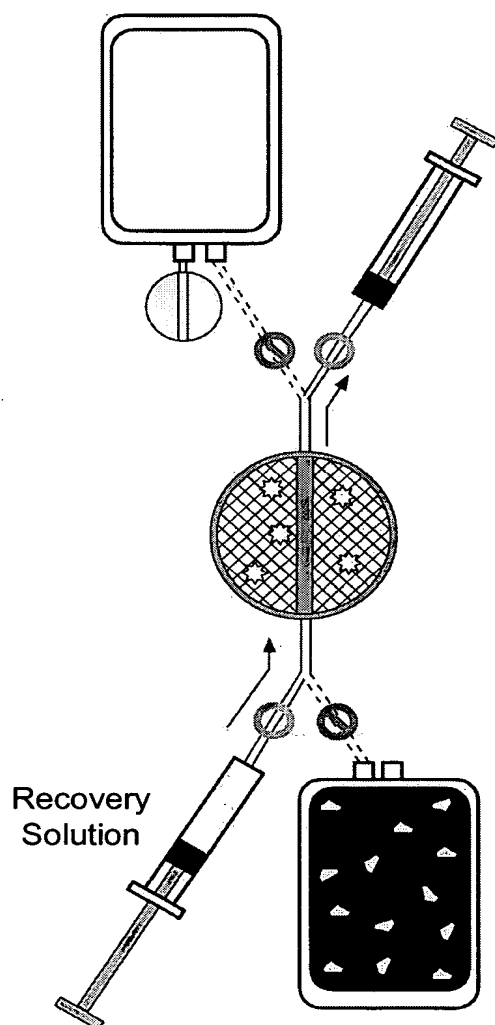


FIG. 9

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**E**

**Recover**

Backflush osteogenic cells from  
leukoreduction filter.

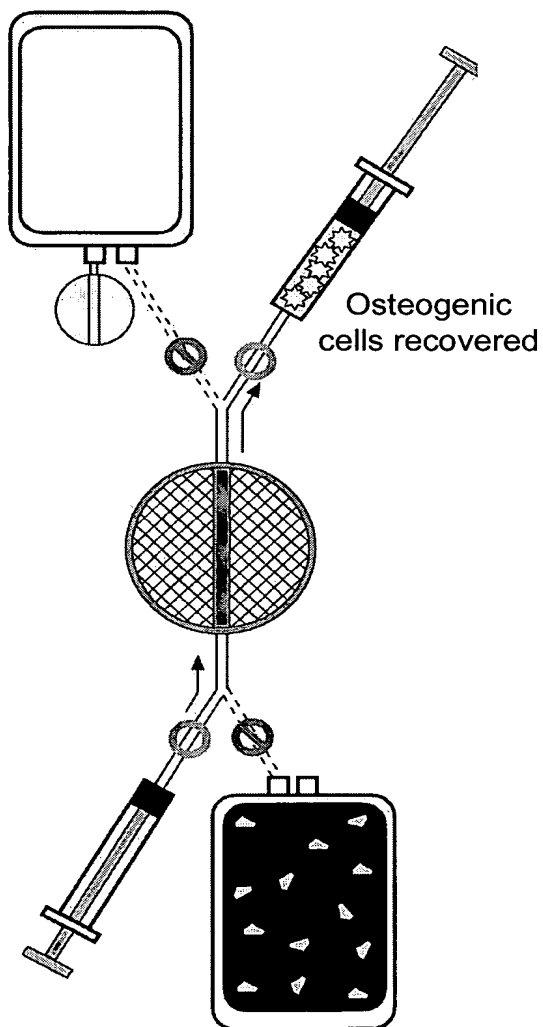


FIG. 9



A

Attach  
Attach syringe filled with marrow  
aspirate to an aggregate filter.

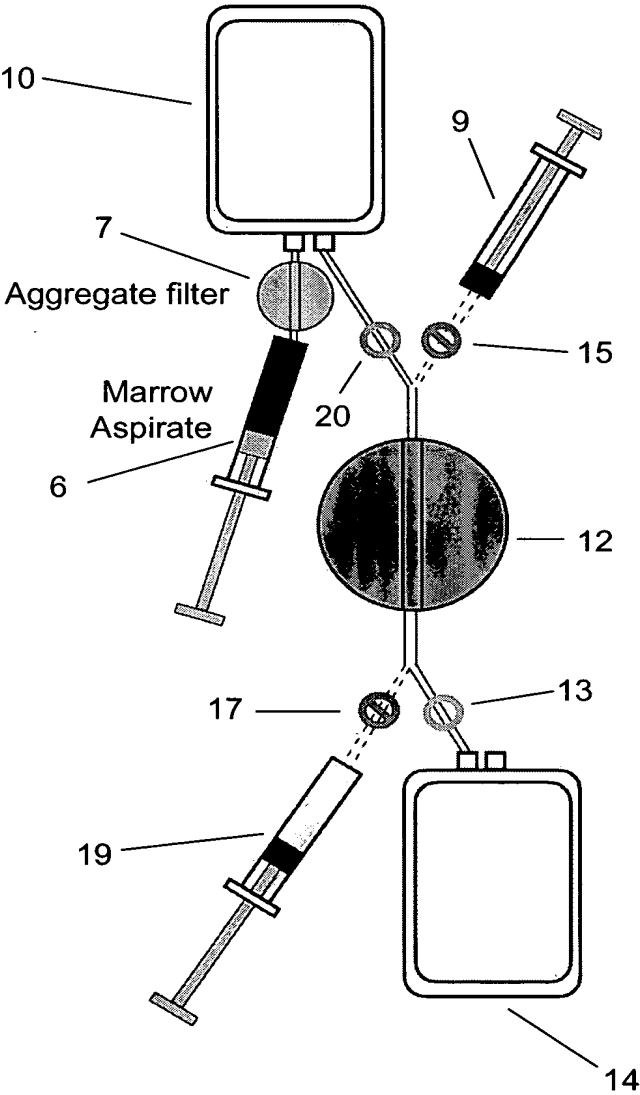


FIG. 10

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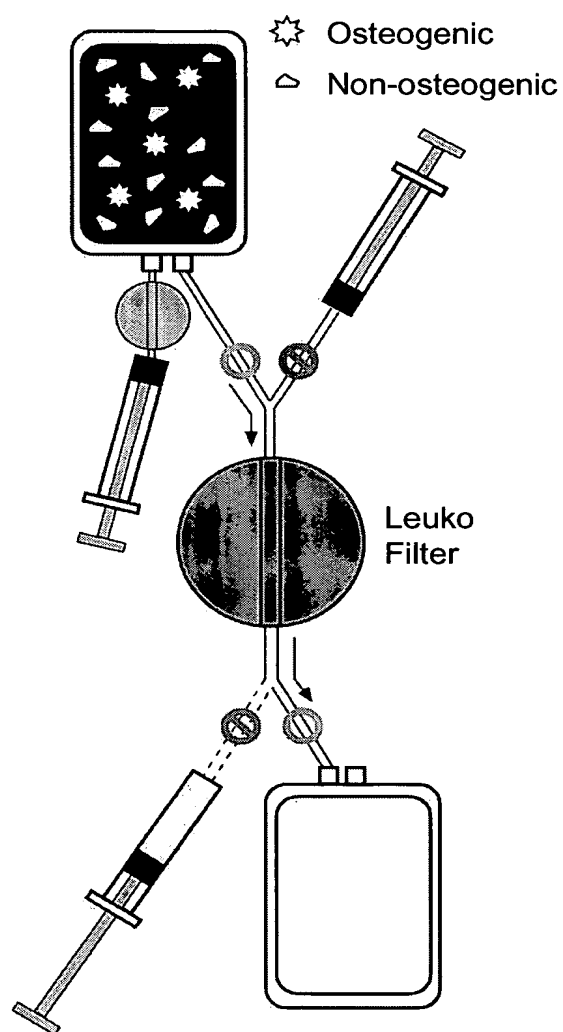
**B****Fill**Inject marrow aspirate through  
aggregate filter into collection bag.

FIG. 10

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**C****Filter**

Gravity feed marrow through aggregate  
and leukoreduction filters into drain bag.

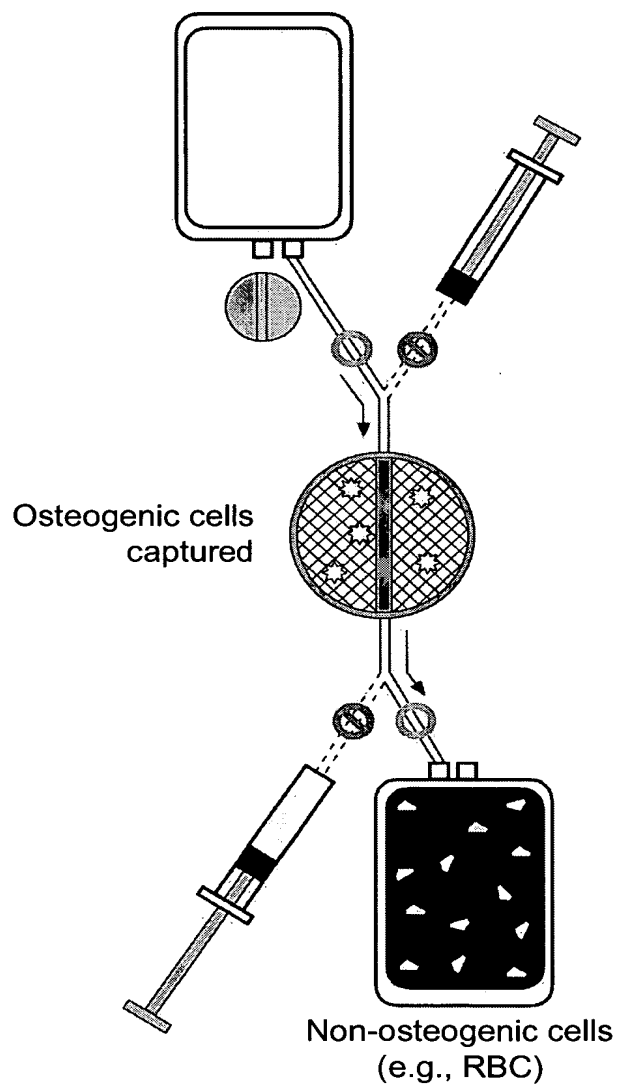


FIG. 10

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**D****Back-flush**

Close valves to collection and drain  
bag. Open valves to syringes.

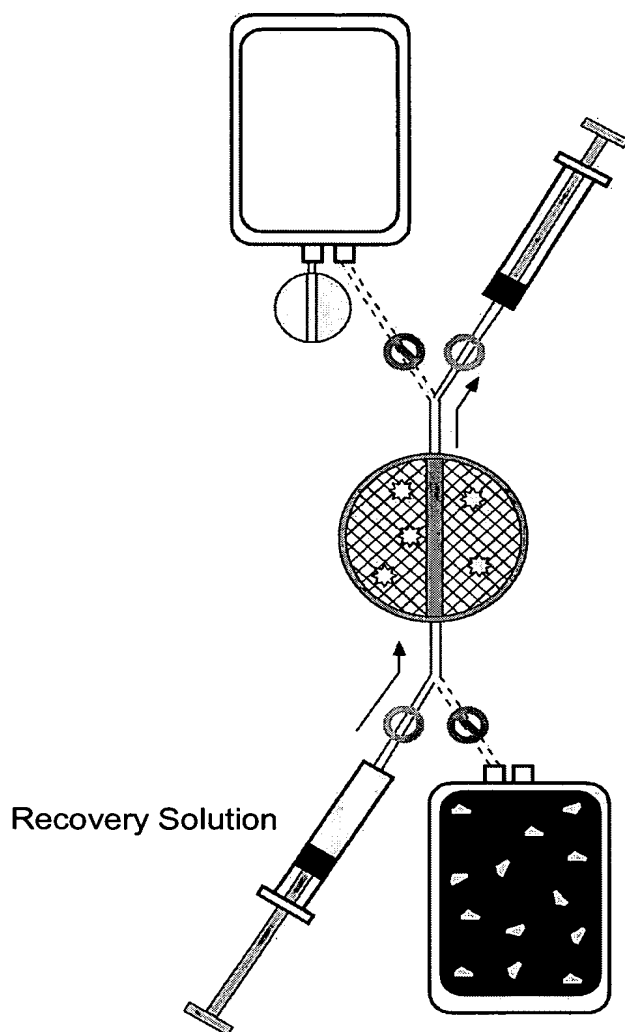


FIG. 10

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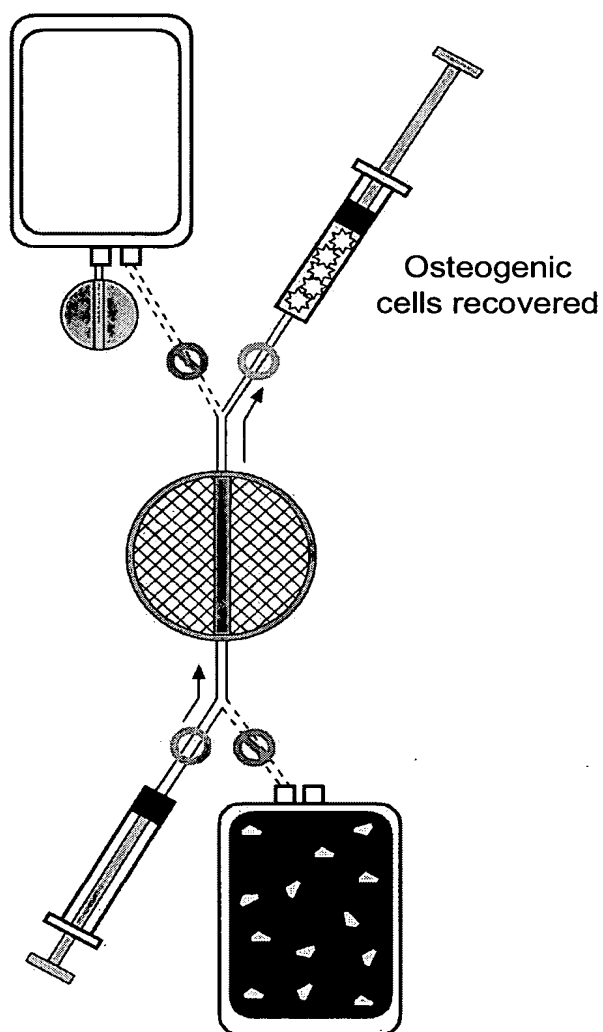
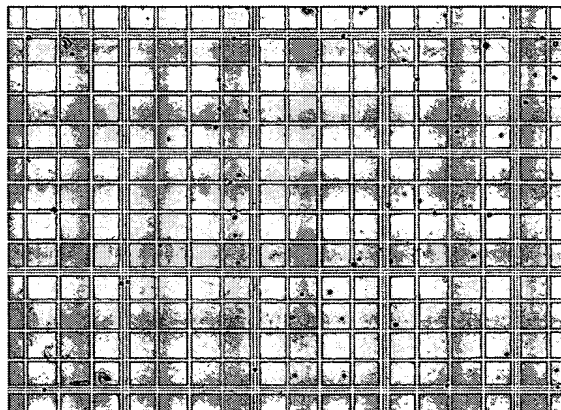
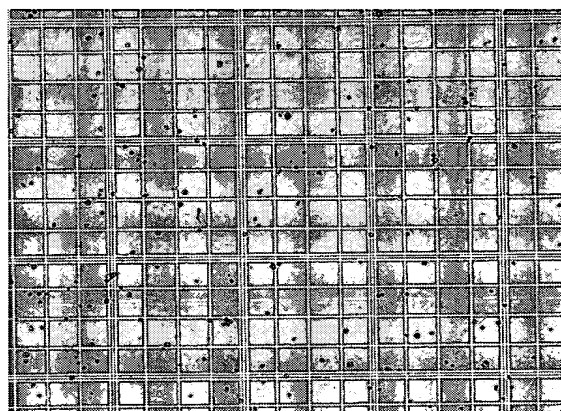
**E****Recover**Backflush osteogenic cells from  
leukoreduction filter.

FIG. 10

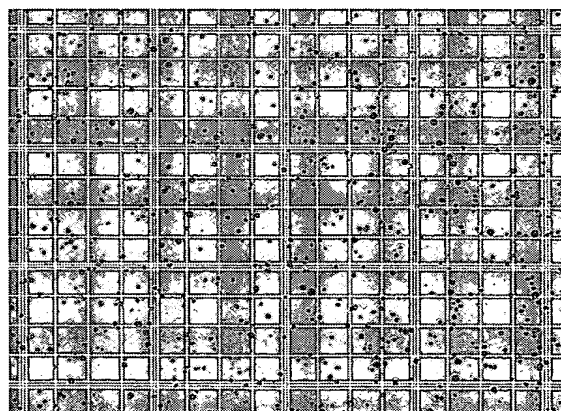
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Blood



Pre-Processed BMA



Post-Processed BMA

FIG. 11

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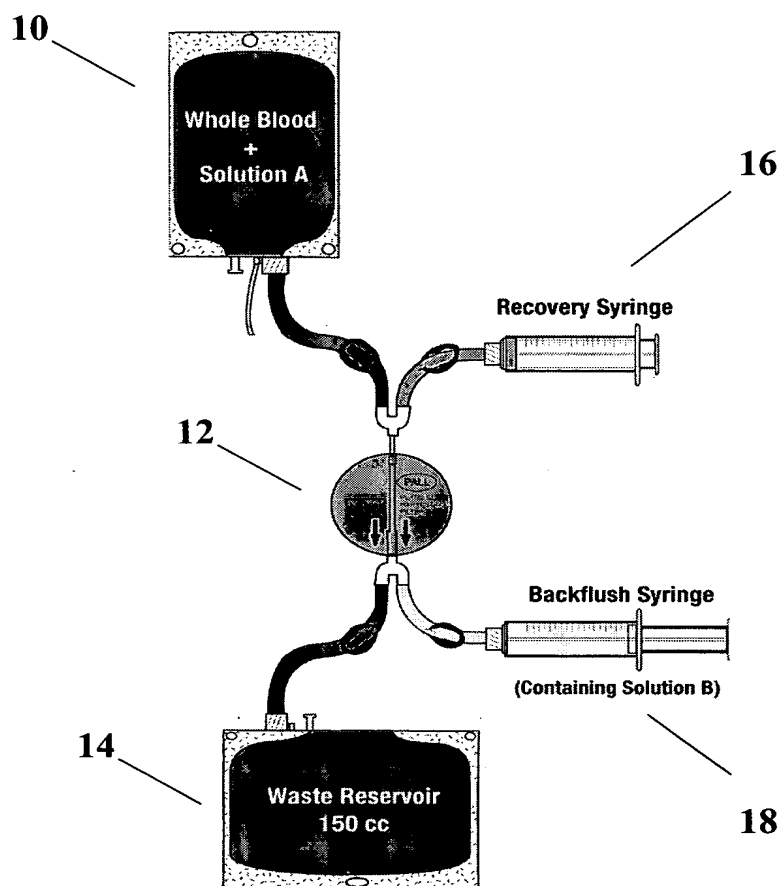


FIG. 12

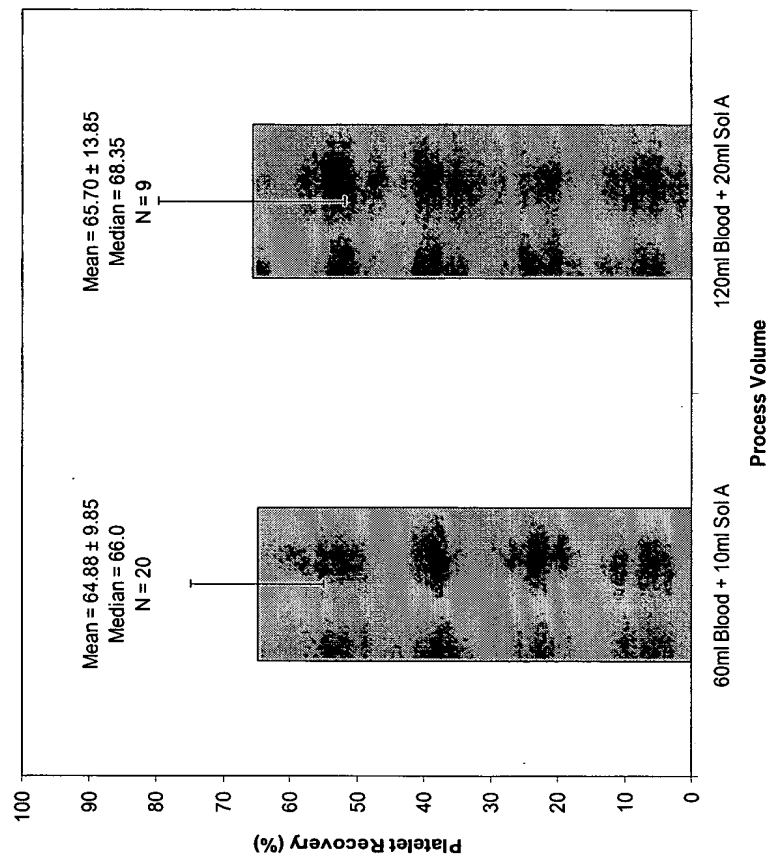


FIG. 13



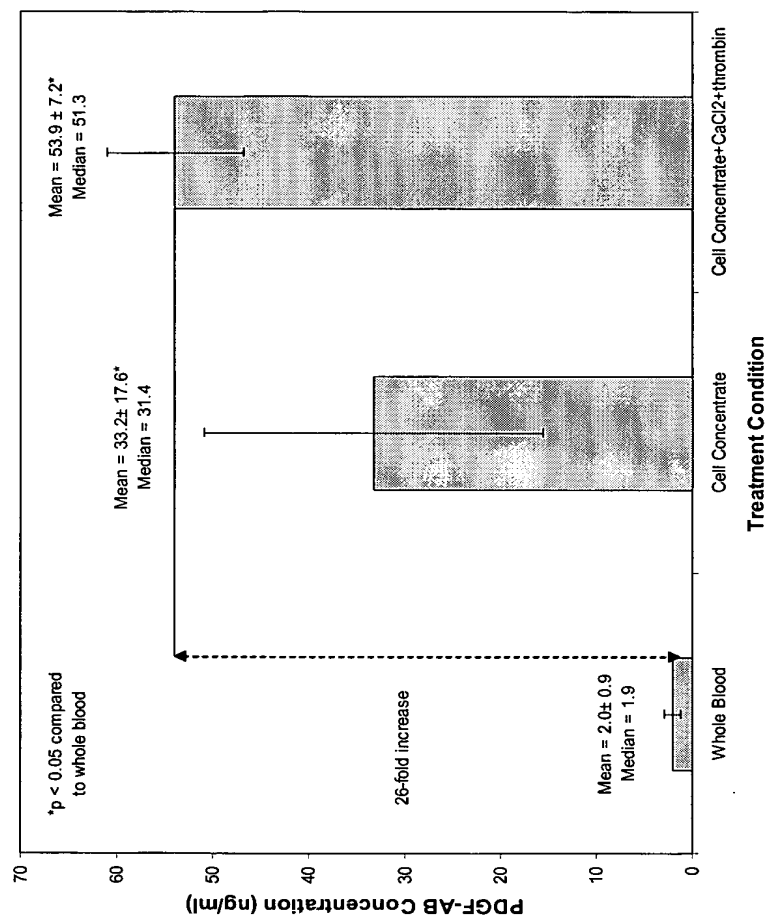


FIG. 14

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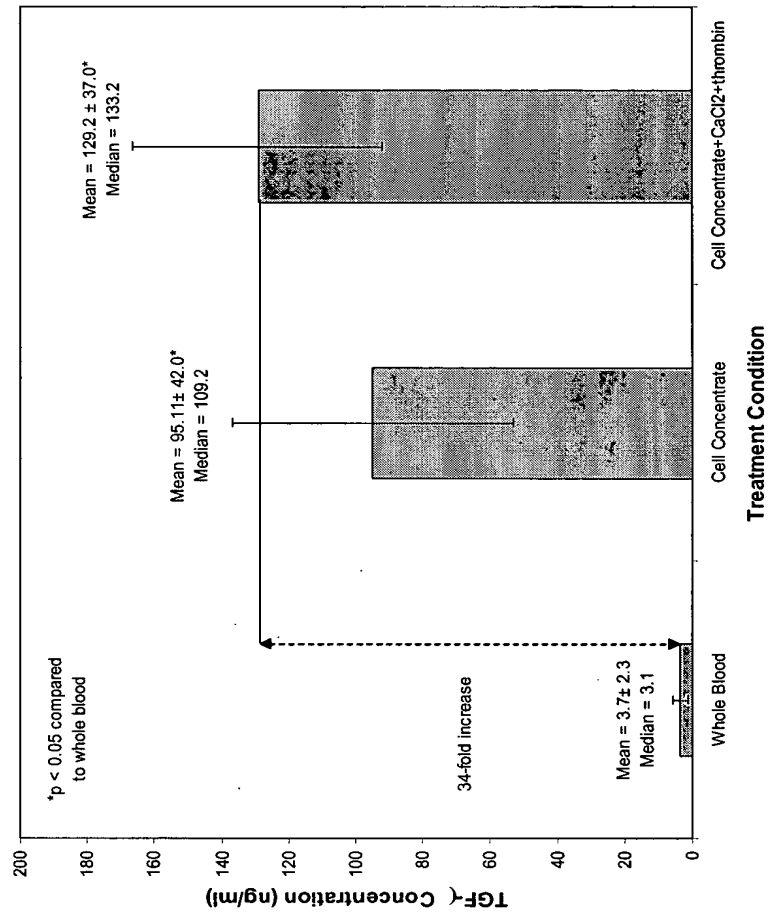


FIG. 15

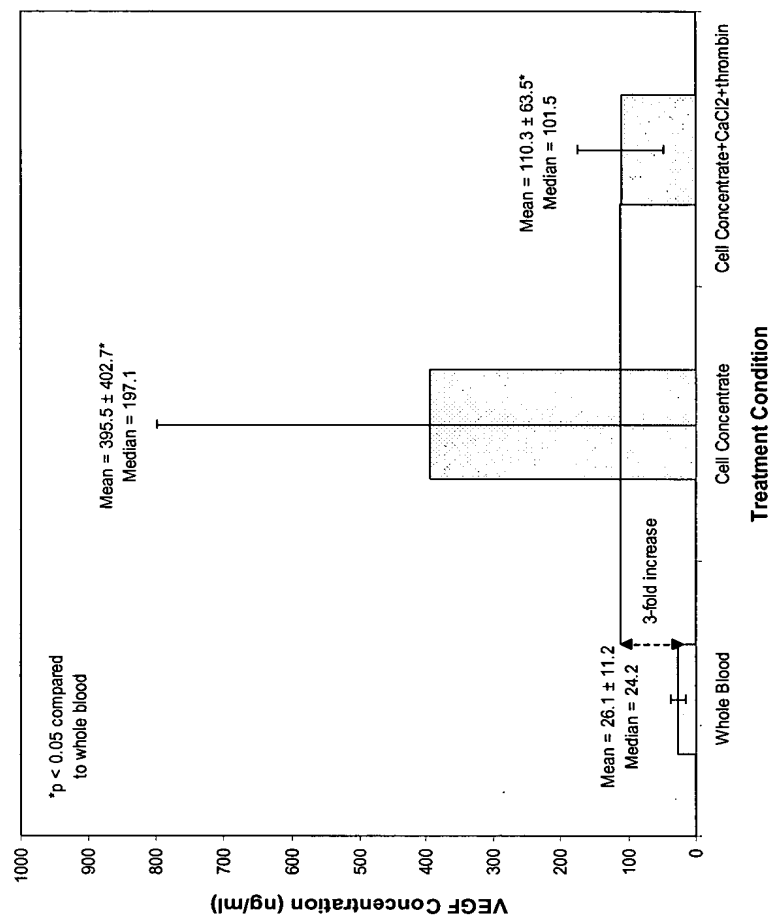


FIG. 16